

ACC. NR: AP6032946

SOURCE CODE: UR/0363/66/002/010/1747/1756

AUTHOR: Zinchenko, K. A.; Luzhnaya, N. P.; Yarembash, Ye. I.; Yeliseyev, A. A.

ORG: Institute of General and Inorganic Chemistry im. N. S. Kurnakov, Academy of Sciences, SSSR (Institut obshchey i neorganicheskoy khimii Akademii nauk SSSR)

TITLE: Phase diagram and phase properties of the Nd-Te system

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 2, no. 10, 1966, 1747-1756

TOPIC TAGS: neodymium compound, telluride, semiconductor single crystal, polycrystal, single crystal structure, neodymium telluride semiconductor, phase diagram, phase composition, metal physical property, electric resistance, crystal lattice defect

ABSTRACT: The phase composition and physical properties of Nd-Te alloys have been studied over the entire range of compositions. The stated purpose of the study was to refine the previously established phase diagram of the Nd-Te System [Ye. I. Yarembash, A. A. Yeliseyev, K. A. Zinchenko, Zh. neorgan. materialy, v. 1, no. 1, 1965, 60 and N. Kh. Abrikosov, V. Sh. Zargaryan. Zh. neorgan. materialy, v. 1, no. 9, 1965, 1462] and to determine the phase-composition dependence of electrophysical properties of the polycrystalline alloys and of certain single crystals. The complete phase diagram of the Nd-Te System, which was plotted on the basis of new experimental data, was basically similar to that previously established by the authors. The existence of seven individual phases, isostructural with the corresponding La phases,

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UDC: 541.123.2

ACC NR: AP6032946

was confirmed. New crystallochemical x-ray data were determined for  $Nd_4Te_7$  and  $NdTe_3$  phases. A polymorphic transition was detected by x-ray in the  $Nd_2Te_3$  samples in contrast with the  $M_2Te_3$  compounds of the ceria group elements which precede Nd in the Periodic Table. Melting points of certain phases differ significantly with the earlier Soviet data. Electrical resistivity of the phases in the Nd—Te System continuously increased with an increase in the Te content of the samples. Semiconductor property and n-type conductivity were confirmed in all neodymium tellurides. Carrier concentration varied from  $10^{21} \text{ cm}^{-3}$  for  $NdTe$  to  $10^{18} \text{ cm}^{-3}$  for  $NdTe_3$ . A defective lattice in  $Nd_2Te_3$  and  $Nd_4Te_7$  was confirmed by the resistivity, thermal conductivity, and most of all, by the coefficient of thermal emf data. Single crystals of  $Nd_3Te_4$ ,  $Nd_4Te_7$ ,  $NdTe_2$ , and  $NdTe_3$  were grown to obtain purified samples for determining semiconductor characteristics. Orig. art. has: 4 figures and 5 tables.

SUB CODE://20/ SUBM DATE: 09Dec65/ ORIG REF: 007/ OTH REF: 005/

Card 2/2

ACC NR: AP6036783

SOURCE CODE: UR/0363/66/002/011/1930/1938

AUTHOR: Kalitin, V. I.; Yarembash, Yo. I.; Luzhnaya, N. P.

ORG: Institute for General and Inorganic Chemistry im. N. S. Kurnakov, AN SSSR  
(Institut obshchey i neorganicheskoy khimii AN SSSR)

TITLE: Phase diagram of the praseodymium-selenium system

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 2, no. 11, 1966, 1930-1938

TOPIC TAGS: praseodymium, selenium, alloy phase diagram

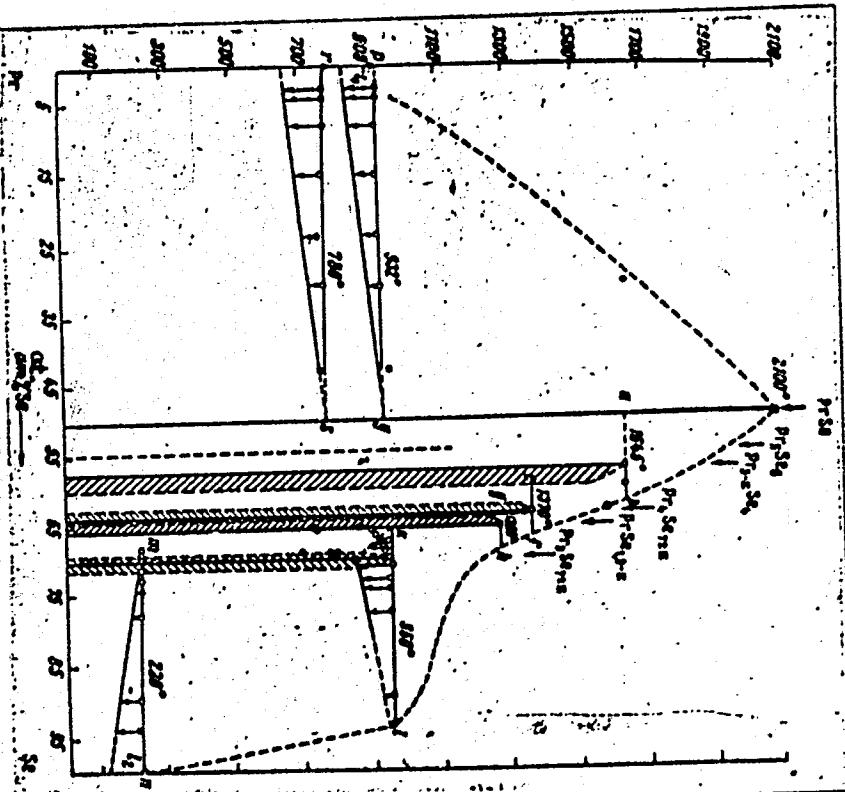
ABSTRACT: The article starts with a table, based on literature data, giving the properties of the known praseodymium selenides. An experimental investigation was made of powder form and fused preparations of praseodymium selenides, the composition of which varied from 0 to 100 at. % selenium, as well as of single crystals obtained by various methods. For determination of the phase diagram, thermal, x ray, and microstructural analysis was used. The detailed results are given in tabular form and are best summarized by the diagram shown. (See Fig. 1)

UDC: 546.656+546.23

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ACC NR: A6036783

Figure 1. Diagram of state  
of the praseodymium-  
selenium system.



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ACC NR: AP6036783

The study resulted in the determination of the formation of six individual chemical compounds:  $\text{PrSe}$ ,  $\text{Pr}_5\text{Se}_6$ ,  $\text{Pr}_{3-x}\text{Se}_4$ ,  $\text{Pr}_4\text{Se}_{7+x}$ ,  $\text{PrSe}_{1.9-x}$ , and  $\text{Pr}_3\text{Se}_{7+x}$ . The regions of their homogeneity were established. Following x ray structural analysis of monocristalline and polycrystalline samples, proposed structures were given for the above compounds and their lattice constants were determined and given in a table. Orig. art. has: 3 figures and 3 tables.

SUB CODE: 11,20 / SUBM DATE: 22Dec65 / ORIG REF: 009 / OTH REF: 011

cord 3/3

ACC NR: AP7002408

SOURCE CODE: UR/0363/66/002/012/2241/2245

AUTHOR: Yeliseyev, A. A.; Kuznetsov, V. G.; Yarembash, Ye. I.; Vigileva, Ye. S.; Antonova, L. I.; Zinchenko, K. A.

ORG: Institute of General and Inorganic Chemistry im. N. S. Kurnakov, Academy of Sciences, SSSR (Institut obshchey i neorganicheskoy khimii Akademii nauk SSSR)

TITLE: New phase in the system of tellurides of the rare earth metals of ceria subgroup

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 2, no. 12, 1966, 2241-2245

TOPIC TAGS: compound semiconductor, rare earth metal, telluride, single crystal growing, ~~polycrystalline~~ crystal structure, crystal electric conductivity

ANALYSIS

ABSTRACT: The existence of the  $M_4Te_{7+x}$  phase within the homogeneity limits between 61 and 64 at% Te was confirmed by chemical, x-ray spectrochemical, and x-ray phase analysis of poly- and single-crystalline  $M_4Te_7$ , where M = La, Pr, or Nd. Previously, the  $M_4Te_{7+x}$  phase was detected by different Soviet authors but was absent in the La-Te and La-Nd phase diagrams which were published in the 1965 Western studies. The  $M_4Te_7$  single crystals, 1 x 1 x 1 mm maximum size, were grown from polycrystalline  $M_2Te_3$  by the chemical transport reaction with iodine at a 950-800C temperature gradient. Simultaneously, the  $MTe_2$  single crystals were formed. The shape of the

UDC: 546.65'241-54-162.2

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ACC NR: AP7002408

$\text{La}_4\text{Te}_7$  and  $\text{LaTe}_2$  single crystals was identical, while that of the  $\text{Nd}_4\text{Te}_7$  and  $\text{NdTe}_2$  was different. Lattice symmetry type and constants, space symmetry group, number of molecules in the unit cell, and x-ray density were determined and tabulated for  $\text{La}_4\text{Te}_7$ ,  $\text{Pr}_4\text{Te}_7$ , and  $\text{Nd}_4\text{Te}_7$ . Lattice constants of  $\text{Ce}_4\text{Te}_7$  were extrapolated from their plots versus ionic radii of the  $M^{3+}$  ions.  $\text{La}_4\text{Te}_7$  was found to crystallize in a tetragonal not rhombic system, which was previously assigned to  $\text{La}_4\text{Te}_7$  by the authors. The lattice constants of  $\text{La}_4\text{Te}_7$  were found to be as follows:  $a = b = 9.011 \pm 0.005 \text{ \AA}$ ,  $c = 9.172 \pm 0.005 \text{ \AA}$ . The most likely space symmetry group of  $\text{La}_4\text{Te}_7$  was the centric P4/mmb group. Other  $M_4\text{Te}_{7+x}$  tellurides of the ceria subgroup crystallize in the same system and have the same space symmetry group as  $\text{La}_4\text{Te}_7$ . Structural similarity and differences were noted between  $M_4\text{Te}_7$  and  $M\text{Te}_2$ . Electrical conductivity and thermal emf of the  $M_4\text{Te}_7$  phase was of the semiconductor type. The existence of the  $M_4\text{Te}_7$  (or  $M_7\text{Te}_{12}$ ) phase was presumed for Ce and Sm because of the crystallochemical analogy between tellurides of the ceria subgroup. Orig. art. has: 3 tables and 2 figures.

SUB CODE: 07/ SUBM DATE: 24Feb66/ ORIG REF: 008/ OTH REF: 004/

Card . 2/2

ACC NR: AP7003337

SOURCE CODE: UR/0076/66/040/012/3094/3097

AUTHOR: Paukov, I. Ye.; Nogteva, V. V.; Yarembash, Ye. I.

ORG: Institute of General and Inorganic Chemistry, AN SSSR (Institut obshchey i neorganicheskoy khimii AN SSSR); Solid State Physics Section, Siberian Branch, VNIIITRI (Otdel fiziki tverdogo tela Sibirskogo filiala VNIIITRI)

TITLE: Study of the true heat capacity of rare earth chalcogenides at low temperatures. Part 1: True heat capacity at low temperatures, entropy and enthalpy of  $\text{La}_2\text{Se}_3$ 

SOURCE: Zhurnal fizicheskoy khimii, v. 40, no. 12, 1966, 3094-3097

TOPIC TAGS: heat capacity, entropy, enthalpy, lanthanum compound, selenide

ABSTRACT: The article initiates a cycle of studies of the thermodynamic properties of rare earth chalcogenides, aimed at obtaining reliable values of heat capacity and entropy and establishing the rules governing their variation over the entire series of rare earth chalcogenides. The true heat capacity of finely crystalline  $\text{La}_2\text{Se}_3$  was measured in the 13.4-296°K range with the aid of an adiabatic vacuum calorimeter. Values of absolute entropy  $S^{\circ}_{298.15}$  and difference of enthalpies  $H^{\circ}_{298.15} - H_0^{\circ}$  under standard conditions were calculated. A systematic deviation of the experimental points from the curve of  $c_p$  vs.  $T^{\circ}\text{K}$  was observed. The nature of this anomaly has not been elucidated. Orig. art. has: 1 figure and 2 tables.

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UDC: 541.11

ACC NR: AP7003337

SUB CODE: 07/ SUBM DATE: 04Jan66/ ORIG REF: 006

Card 2/2

L 10746-67

ACC NR: AP6016787

(A)

SOURCE CODE: UR/0416/65/000/011/0019/0021

AUTHOR: Savluchinskiy, R. (Major General); Yaremchenko, A. (Lieutenant Colonel) 26

ORG: None

TITLE: When artillerymen train

SOURCE: Tyl i snabzheniye sovetskikh vooruzhennykh sil, no. 11, 1965, 19-21

TOPIC TAGS: training procedure, ordnance training, armed forces logistics, artillery ammunition, fuel truck, liquid fuel, food ration, food service equipment

ABSTRACT: The article discusses the important role played by the rear area service troops in assuring the success of artillery in combat. Hot food must be provided the different elements of the artillery unit even though they are widely dispersed throughout the combat zone. If the artillery pieces or artillery personnel are in concealed positions food is delivered by mobile field kitchens, if not, then food is brought up in thermos containers. A ration distributing point usually feeds several batteries. The primary area of activity for rear service troops is ammunition resupply. Ammunition must frequently be transported from ammo dumps of higher headquarters directly to the artillery firing positions without off-loading at intermediate dumps. This method should always be employed when the situation permits. The artillery prime movers are refueled directly from a fuel truck. During a road

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L 10746-67

ACC NR: AP6016787

march the fuel trucks move with the combat elements and replenish their fuel supply during any halt, planned or unplanned. Refueling is begun at the head of the convoy and the fuel truck then works its way to the rear, refueling as it goes. This method saves time. Orig. art. has: 2 figures.

SUB CODE: 15/SUBM DATE: None

Card 2/2 b/p

DE4CHUK, Yuriy Fedorovich; YARENCHISHIN, Bogdan Mikhaylovich  
[IAremchysyn, B.M.]; SHAPOVALENKO, F., red.;  
SICHEVSKIY, I.[Sychevs'kyi, I.], red.

[We are saving fuel power resources] Zaoshchadzhuiemo  
energetychni resursy. L'viv, Kameniar, 1965. 98 p.  
(MIRA 18:9)

[PETROVSKIY, M.I.[Petrovs'kyi, M.I.], dots., ovt. red.; GRINOVETS,  
I.F.[Hrynovets', I.F.], dots., red.; LUSHCHIK, I.O.  
[Lushchyk, I.O.], dots., red.; MIKHAYLOV, V.I.[Mykhailov,  
V.I.], dots., red.; PASTER, P.I., red.; TIVONCHUK, I.O.  
[Tyvonchuk, I.O.], kand. ekon. nauk, red.; YAREMCHISHIN,  
B.M. [IAremchyshyn, B.M.], st. nauchn. sotr., red.;  
YAKIMSOV, P.P., dots., red.; GRINSHPON, F.O.[Hrinshpon,  
F.O.], red.; KVITKO, I.S., red.

[Flourishing of the economy of the western provinces of  
the Ukrainian S.S.R., 1939-1964] Rozkvit ekonomiky zakhid-  
nykh oblastei URSR (1939-1964 rr., L'viv, 1964. 126 p.  
(MIRA 17:11)

1. L'vov. Universytet.

YAREMCHISHIN, Bogdan Mikhaylovich

[Development of rural electrification in the western provinces  
of the Ukraine] Rozvytok sil'skoi elektryfikatsii v zakhidnykh  
oblastiakh URSR. Kyiv, Akademiia nauk Ukrainskoj RSR, 1958. 74 p.  
(MIRA 11:11)

(Ukraine--Rural electrification)

YAREMCHISHIN, Bogdan Mikhaylovich [Iaremchysyn, B.M.];  
SHECHENKO, Ya.U., doktor ekon. nauk, otyv. red.

[Development of electric power engineering in the western provinces of the Ukrainian S.S.R.] Rozvytok elektroenergetyky v zakhidnykh oblastiakh Ukrains'koi RSR. L'viv, Kryzhkovo-zhurnal'ne vyd-vo, 1963. 20. p. (MIRA 18:4)

YAREMCHUK, F.P.

Seepage from stream channels in case of an arbitrary line separating  
the soil from the draining layer. Dop. AN URSR no.11:1424-1428  
61. (MIRA 16:7)

1. Kiyevskiy politekhnicheskiy institut. Predstavлено  
академиком АН UkrSSR G.Ye.Pavlenko [Pavlenko, H.IE.].  
(Seepage)

YAREMCHUK, F.P.

Calculation of free seepage from ducts and channels. Trudy Sez.  
po prikl. mat. 1 no.1:175-184 '63. (MIRA 18:2)

1. Kiyevskiy ordena Lenina politekhnicheskiy institut.

BURAVSKIY, Yo.S. [Burava'kyi, Ie.S.]; YAREMCHUK, F.P.

Solution of boundary value problems for an inhomogeneous ordinary differential equation of second order. Dop. AN UkrSSR no.11:1411-1415 '63. (MIRA 17:12)

1. Kiyevskiy politekhnicheskiy institut i Institut matematiki AN UkrSSR.

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Freedom of Information Act

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CIA-RDP86-00513R001962120015-4

ASSOCIATION. Instytut matematyczny AN GDR w Katowicach, ul. M. Konarskiego 18, 40-007 Katowice, Poland

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CIA-RDP86-00513R001962120015-4"

YAREMCHUK, G. [IAremchuk, H.]

Party of the whole nation. Nauka i zhyttis 12 no.10:2-4 0  
'62. (MIRA 16:1)

1. Sekretar' Kiyevskogo gorodskogo komiteta Kommunisticheskoy  
partii Ukrayiny. (Communist Party of the Soviet Union)

BOCHKAREV, V.P., kand. geol.-miner. nauk; NIKITINA, L.G., kand. geol.-miner. nauk; SHAPIRO, S.M., kand. geol.-miner. nauk; EYDINOVA, N.M., st. inzh.; GOLOBOROD'KO, G.L., inzh.; PERLIK, G.P., inzh.; BANDALETOV, S.M., kand. geol.-miner. nauk; VLADIMIROV, N.M., kand. geol.-miner. nauk; SADYKOV, A.M., kand. geol.-miner. nauk; MALYSHEV, Ye.G., ml. nauchn. sotr.; BERKALIYEV, N.A., st. inzh.; EYDINOV, Yu.I., st. inzh.; MUKHAMEDZHANOV, S.M., kand. geol.-miner. nauk; ISABAYEV, T.T., st. inzh.; MOTOV, Yu.A., inzh.; KOLOTILIN, N.F., kand. geol.-miner. nauk; LAPIDUS, Zh.D., inzh.; SHOYMANOVA, M.M., inzh.; YAREMCHUK, C.S., inzh.; BAHMET-MARNI A.V., kand. miner. nauk [deceased]; MIKHAYLOV, B.P., st. inzh.; SATPAYEV, K.I., akademik, glav. red. [deceased]; MEDOYEV, G.TS., otv. red.; DMITROVSKIY, V.I., red.; SEMENOV, I.S., red.; BRAILOVSKAYA, M.Ya., red.; KOROLEVA, N.N., red.

[Irtysh-Karaganda Canal; engineering geological conditions]  
Kanal Irtysh - Karaganda; inzhenerno-geologicheskie usloviia.  
Alma-Ata, Nauka, 1965. 169 p. (MIRA 18:5)

(Continued on next card)

Institut geologicheskikh nauk AN KAZ. SSR

YAREMCHUK, Ivan Fedorovich; ZAPIRICH, T., red.; GRIN', Ye., tekhn.red.

[Handbook for rural builders] Spravochnik sel'skogo stroitel'stva.  
Izd. 2., ispr. i dop. Barnaul, Altaiskoe knizhnoe izd-vo, 1958. 355 p.  
(MIRA 11:12)

(Building)

MITYUSHKIN, I.; AVRINSKIY, P.; LUTSAN, Ye.; STRUCHKOV, A.; KOREN', L.;  
SVIRIN, V., instruktor peredovykh metodov truda; YAREZHUK, N.

(MIRA 15:7)

We are informed... Stroitel' 8 no.5:6 My '62.  
(Building—Technological innovations)

YAREMCHUK, N.A.; SHUTER, L.M.; BERKMAN, Ya. P.

Obtaining cationic and amphoteric water-soluble condensation products of amines and phenols with dimethylolurea. Dokl. LPI (MIRA 17:6) 5 no. 1/2:55-58 '63.

YAREMCHUK, N.A.

Use of the "Laf" amphoteric fixing and tanning agent for improving  
the quality of chrome leathers of the heifer hide group. Kozh<sup>6</sup>-  
obuv.prom. 5 no.2:17-18 F '63. (MIRA 16:5)  
(Leather)

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962120015-4

YAREMCHUK, N.A.; SHUTER, L.M.; BERKMAN, Ya.P.

Amphoteric "LAF" tanner made from extractive phenols.  
Kozh.-obuv. prom. 4 no. 7:28-29 Jl '62. (MIRA 17:1)

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962120015-4"

L 31575-66

ACC NR: AT6008389

SOURCE CODE: UR/0000/65/000/000/0171/0176

44  
8+1

AUTHOR: Yaremchuk, N. A.

ORG: Kiev order of Lenin Polytechnic Institute (Kiyevskiy politekhnicheskiy institut)

TITLE: A device for the measurement of variable voltage source instabilities

SOURCE: AN UkrSSR. Povysheniye tochnosti i avtomatizatsiya izmeritel'nykh sistem  
(Automating and increasing the accuracy of measuring systems). Kiev, Naukova dumka,  
1965, 171-176

TOPIC TAGS: voltmeter, electric generator, electronic circuit

ABSTRACT: Radio engineering often requires the determination of low-frequency amplitude fluctuations of generators. The author proposes a new device which is capable of measuring and registering slow amplitude changes in electronic generators caused by the warming up and aging of elements. It carries out a periodic introduction of the output of the generator under investigation and the reference voltage due to a constant current. Following general theoretical deliberations, the article describes an experimental circuit shown in Fig. 1. The tested generator 1 produced 2.5 V; 2 is a switching frequency (50 cps) amplifier, 3 - power amplifier, and 4 - reversible motor. The sensitivity of the entire device is no less than 0.05%, and the scale is  $\pm 2.5\%$ . Some results are shown in Fig. 2. Orig. art. has: 8 formulas and 5 figures.

SUB CODE: 09, 14 / SUBM DATE: 25Oct65 / ORIG REF: 002

Card 1/3

L 31575-66  
ACC NR. AT6008389

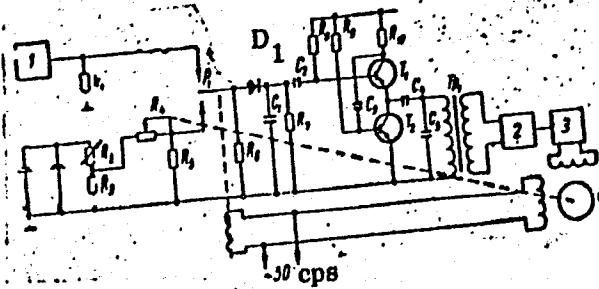


Fig. 1. Voltage instability recorder

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ACC NR: AT6008389

O

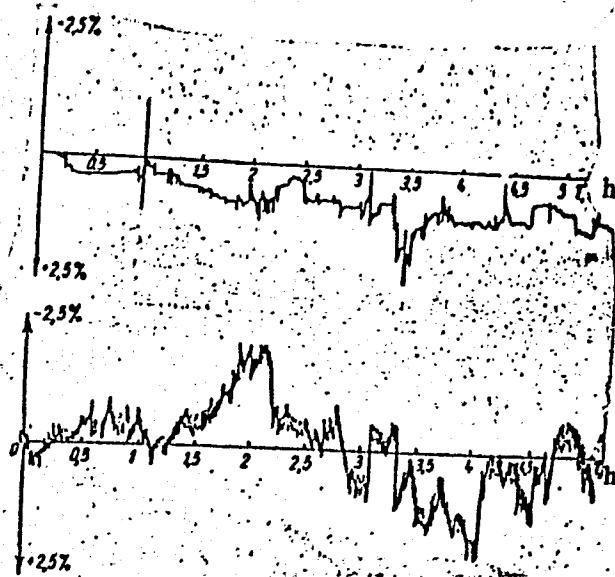


Fig. 2 Voltage instability recording for G3-7A and G3-2 generators, respectively.

Card 3/3 ZC

L 40852-66 EWT(1)/EEC(k)-2  
ACC NR: AP6010024

SOURCE CODE: UR/0119/66/000/003/0014/0015

AUTHOR: Skripnik, Yu. A. (Candidate of technical sciences); Yaremcuk, N. A. (Engineer)

ORG: none

TITLE: An automatic single-channel electronic logometer 25

SOURCE: Priborostroyeniye, no. 3, 1965, 14-15

TOPIC TAGS: electronic device, logometer, circuit design

ABSTRACT: Recording circuits operating with electric parametric sensors (capacitative, inductive sensors) must be designed so as to exclude the influence of the power source on the results of measurements. This problem can be easily solved by utilizing logometers as indicating and registering devices. However, existing electromechanical, rectifier, and converter logometers require a considerable amount of power. Consequently, the authors designed and successfully tested an automatic electronic logometer shown in Fig. 1.

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UDC: 621.317.61:621.376.2

L 40852-66

ACC NR: AP6010024

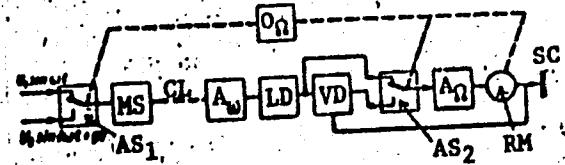


Fig. 1 Block diagram of an automatic single-channel electronic logometer.  
AS<sub>1</sub> and AS<sub>2</sub> - automatic synchronously operating switches; MS - matching  
stage; CL - connecting line; A<sub>w</sub> - "carrier" frequency amplifier; LD -  
linear detector; VD - voltage divider; A<sub>Ω</sub> - "envelope" amplifier; RM -  
reversible motor; O<sub>Ω</sub> - modulating frequency oscillator; SC - scaler.

In principle, the unit should be capable of handling frequencies from 1 to 200—300 Kc. In practice, however, the servosystem operation was not particularly stable within the 500—1000 cps range. Orig. art. has: 2 formulas and 3 figures.

SUB CODE: 09 / SUBM DATE: *none/* ORIG REF: 004 / OTH REF: 000

Card 2/2 MLP

YAREMCHUK, N.I.

Experiments in using joints of round inserted tenons in the  
manufacture of furniture. Bum. i der. prcm. no.1:38-41  
Ja.Mr '63. (MIRA 16:7)

1. Mebel'naya fabrika im. Bozhenko.  
(Furniture industry)

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962120015-4

YAREMCHUK, N.I.

Manufacture of furniture assemblies by the continuous method.

Bum. 1 der. prom. no.3:39-41 Jl-S '64.

(MIRA 17:11)

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962120015-4"

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962120015-4

YAREMCHUK, N.I.

Mechanized continuous production of the central doors of  
wardrobes. Bum. i der. prom. no.4:24-27 O-D '64 (MIRA 18:2)

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962120015-4"

L 24469-66 EWT(m)/ETC(f)/EPF(n)-2/EWG(m)/T/EWP(t) IJP(c) JD/JG/GS  
ACC NR: AT6010572 (N) SOURCE CODE: UR/0000/65/000/000/0029/0041

AUTHOR: Mil'man, Yu. V.; Racheck, A. P.; Trefilov, V. I.; Udovenko, A. A.; Firosov,  
S. A.; Yaremchuk, V. V.

ORG: Institute of Physics of Metals AN UkrSSR (Institut metallofiziki AN UkrSSR)

TITLE: Mechanism of plastic deformation in alloys of transition metals

SOURCE: AN UkrSSR. Mekhanizm plasticheskoy deformatsii metallov (Mechanism of the  
plastic deformation of metals). Kiev, Naukova dumka, 1965, 29-41

TOPIC TAGS: plastic deformation, cast alloy, phase transition, twinning, material  
fracture

ABSTRACT: The paper is a continuation of a previous work (Mil'man, Yu. V., Trefilov,  
V. I., Racheck, A. P., "Problems in the Physics and Science of Metals, 20", Naukova  
dumka, Kiev, 1964) devoted to the mechanism of plastic deformation and brittle frac-  
ture of alloys of elements in group VIA with other transition metals. The following  
alloy systems are studied: Cr-Mn, Cr-Ru, Cr-Fe, Cr-Os, W-Re, Mo-Re, Nb-Re and Mo-Ti.  
The alloys were studied in the cast state and in some cases were subjected to heat

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ACC NR: AT6010572

3

treatment. The relationship between the packing flaw energy and the electronic structure of the alloy is analyzed. It is shown that both transition and nontransition metals conform to the Seger rule on high energies for packing defects in metals. The twinning & slipping transition in alloys of transition metals is studied. All alloys of elements in group VIA with metals in groups VIIA and VIIIA show no twinning throughout the entire region of solid solutions with a bcc lattice under maximum loads. Experimental data show that alloying chromium, molybdenum and tungsten with metals of groups VIIA and VIII reduces the packing flaw energy and causes a transition to deformation by twinning (or to combined deformation by slipping and twinning). A brief survey of the literature shows no transition to twinning in alloys of group VIA with transition metals to the left of the chromium group in the periodic table. Orig. art. has: 8 figures.

27

SUB CODE: 11/ SUBM DATE: 14Nov64/ ORIG REF: 003/ OTH REF: 026

Refracting metals

27

card 2/2ddo

YAREMCHUK, N.I.

Polishing surfaces coated with polyester varnishes. Bum.  
1 der. prom. no.2:28.30 Ap-Je '65. (MIRA 18:6)

YAREMCHUK, N.I.

Finishing furniture by using polyester varnishes. Bum. i  
der. prom. no.4:31-35 O-D '65.

(MIRA 18:12)

YAREMCHUK, N. YA.

USSR/General Division. Problems of Teaching.

A-7

Abs Jour : Ref Zhur-Biologiya, No 20, 1957, 85129

Author : N. Ya. Yaremchuk

Inst :  
Title : From Working Experiment on School Experimental Grounds

Orig Pub : In:: V sb. statey v pomoshch' uchitelym biol.  
i khimii po vneklassn. rabote v sredn.  
shkole. Rostovna- Donu, 1956, 35-46.

Abstract : No abstract.

Card 1/1

YAREMCHUK, O. P.

Basic trends in the development of tractor design. Mekh. sil'.  
hosp. 14 no.1:3-5 Ja '63. (MIRA 16:4)

1. Glavnnyy spetsialist po traktoram Gosplana UkrSSR.

(Ukraine—Tractors—Design and construction)

YAREMCHUK, S. V.

(2)

C. A. V-48

Jan 10, 1954

Sugarcane, Starch  
and Glucose

Pulp separator for diffusion juice. S. V. Yaremchuk and  
L. I. Obanchenko. Sakharnaya Prom. 27, No. 1, 38-9  
(1953). Description and sketch of a pulp trap.  
V. B. Baikow

Yaremchuk, V.A.

68-10-6/22

AUTHORS: Khanin, I.M., (Dr.Tech.Sc.), Yaremchuk, V.A., and Kupriyenko, I.G.

TITLE: The Use of Radioactive Isotopes for Investigating the Flow of Gases in Coke Ovens (Primeneniye radioaktivnykh izotopov pri issledovanii dvizheniya gazov v koksovykh pechakh)

PERIODICAL: Koks i Khimiya, 1957, Nr 10, pp.20-25 (USSR)

ABSTRACT: Possible methods of the application of radioactive isotopes for studies of gas flow in the heating system of coke ovens are discussed. Methods for investigating on models the distribution of gases in regenerators, recirculation of waste gases and mixing of gas and air in heating flues are proposed. Some suggestions as to the application of radioactive isotopes on industrial ovens are also given. It is pointed out that in the process of carrying out such studies the proposed methods can be improved and the field of their application widened. There are 1 table, 4 figures and 13 references, of which 10 are Slavic.

ASSOCIATION: Dnepropetrovsk Institute of Chemical Technology (Dnepropetrovskiy Khimiko-Tekhnologicheskiy Institut)

AVAILABLE: Library of Congress.

Card 1/1

KHANIN, I.M.; KUPRIYENKO, I.G.; SHIYNGOL'D, M.A.; YAREMCHUK, V.A.

Basic trends in the development of the construction of  
coke ovens abroad using the underjet gas distribution  
system. Koks i khim. no.7:58-64 '60. (MIRA 13:7)

1. Dnepropetrovskiy khimiko-tehnologicheskiy  
institut.  
(Coke ovens)

KHANIN, I.M.; KUPIRYENKO, I.G.; YAREMCHUK, V.A.; LERNER, R.Z.; PODOL'KHOV,  
I.S.

Designing reversible gas-air valves for combination coke ovens with  
two-hearth flues. Koks i khim. no.1:36-38 '62. (MIRA 15:2)

1. Dnepropetrovskiy khimiko-tehnologicheskiy institut (for Khanin,  
Kupriyenko, Yaremchuk). 2. Gosplan RSFSR (for Lerner). 3. Dnepro-  
petrovskiy koksokhimicheskiy zavod (for Podol'khov).  
(Coke ovens)

KHANIN, I.M.; KUPRIYENKO, I.G.; YAREMCHUK, V.A.

Discussing the article "Control of PVR ovens with separate  
regenerators in case of heating with coke-oven gas" by  
G.M. Vol'fskii, R.K. Krupatkina, A.I. Ivanov. Koks i khim.  
(MIRA 16:8)  
no.4:63-64 '62.

1. Dnepropetrovskiy khimiko-tehnologicheskiy institut.  
(Coke ovens) (Vol'fskii, G.M.)  
(Krupatkina, R.K.) (Ivanov, A.I.)

ACC NR: AP7003613

SOURCE CODE: UR/0185/66/011/012/1338/1340

AUTHOR: L'vov, H. K.—L'vov, G. K.; Petrov, Yu. N.; Yaremcuk, V. V.

ORG: none

TITLE: The dislocation structure changes originating with rapid heating of low-carbon steel

SOURCE: Ukrayins'kyy fizychnyy zhurnal, v. 11, no. 12, 1966, 1338-1340

TOPIC TAGS: low carbon steel, CRYSTAL dislocation, RECRYSTALLIZATION,  
heating, /08Kp<sub>A</sub> steel  
low carbon

ABSTRACT: Specimens, 0.28 x 21 x 65 mm, of low-carbon 08kp steel cold rolled with a 61% reduction were heated at a rate of 880 C/sec to a near-recrystallization temperature and then cooled at a rate of 1000 C/sec, or slowly heated at a rate of 0.13 C/sec to the same temperature and quenched. Test specimens, 3 mm in diameter and less than 0.11 mm thick, were investigated for the dislocation structure changes originated with rapid and slow heating of the steel. The as-rolled steel structure consisted of grain fragments with a complex system of intertwined dislocations. Rapidly heated steel had a similar structure. The structure of slowly heated steel contained light-colored regions with a relatively small number of dislocations. With slow heating to a temperature higher than that of recrystallization, the steel structure

Card 1/2

UDC: none

ACC NR: AP7003613

resembled the structure of the annealed steel, regardless of the cooling rate. The steel specimens, rapidly heated to temperatures which ensured complete recrystallization and then cooled in water or slowly cooled in air, had an identical structure. The results showed that the dislocation structure of completely recrystallized 08kp steel does not depend on the rate of heating for recrystallization and is free from the defects originating from previous cold working. Orig. art. has: 4 figures.

SUB CODE: 11/ SUBM DATE: 14Apr66/ ORIG REF: 004

Card 2/2

*Yaremchuk V.V.*  
MARKOVSKIY, Ye.A.; STETSENKO, V.I.; YAROPOLOV, I.N.; YAREMCHUK, V.V.; TUROVSKIY,  
I.Ya.; DROBYAZKO, T.T.

Short reports. Zav.lab. 24 no.4:503-504 '58. (MIRA 11:4)

1. Institut mashinovedeniya i sel'skokhozyaystvennoy mekhaniki Akademii  
nauk USSR (for Markovskiy and Stetsenko). 2. Zavod sel'skokhozyaystven-  
nogo moshinostroyeniya, g. Stalino (for Yaropolov). 3. Moskovskiy  
institut inzhenerov zheleznodorozhnogo transporta (for Turovskiy).  
(Testing machines)

PETROV, Yu. N.; YAREMCHUK, V. V.

Electromagnetic stigmatizer to the objective lens of the  
UEM-100 electron microscope. Zav. lab. 28 no.12:1523-1524  
'62.  
(MIRA 16:1)

1. Institut metallofiziki AN UkrSSR.

(Electron microscope)

L 09336-67 E.T(m)/EWP(w)/EWP(t)/ETI IJP(c) JD/JH  
ACC NR: A26029520 SOURCE CODE: UR/0432/66/000/004/0042/0043  
AUTHOR: Gogotsi, G. A.; Col'dberg, M. Sh.; Yaremenko, A. A. 6.5  
ORG: None  
TITLE: Device for recording moment of failure  
SOURCE: Mekhanizatsiya i avtomatizatsiya upravleniya, no. 4, 1966, 42-43  
TOPIC TAGS: ~~electrochemical apparatus~~, electromeasuring device, heat resistance, thermal fatigue, physics laboratory instrument, high temperature metal  
ABSTRACT: A special measuring instrument for determination of thermal endurance of materials is described. The instrument, devised by the Material Research Institute of the AN UkrSSR, is used for recording the time and temperature at which the tested samples of materials are fractured. The device is designed for a simultaneous testing of four samples. Thin metal films deposited on the sample surfaces serve as sensors of occurred fractures. The measuring arrangement consists of a potentiometer, thermometers (thermocouple, pyrometer or electric resistance type), time-relay, recording tape, signal light panel and other circuit elements shown in a diagram and a photo. The procedure of measurements is described and the consecutive fractures of four samples are reflected in a time-temperature curve. It is mentioned that the device was used for testing the oxides of magnesium and aluminum and other high-temperature materials. Orig. art. has: 3 figures. 27 27  
SUB CODE: 20/ SUBM DATE: None/ ORIG REF: 003/ OTH REF: 001

Card 1/1

GUREVICH, I. I.; YAREMENKO, A. I.

"Heavily loaded hydrogen diffusion electrodes operating at low pressure and at the temperature of the surrounding medium" by E. Justi and others. Reviewed by I. I. Gurevich, A. I. Yaremenko. Inzh.-fiz. zhur. no. 9; 138-141 S '60. (MIRA 13:9)

(Electrodes) (Hydrogen)  
(Justi, E.) (Pilkun, M.) (Scheibe, W.) (Winsel, A.)

BORISENKO, Sergey Grigor'yevich; KOPITSA, Fedor Andreyevich. Prinimali  
uchastiyu: KULIKOV, V.V.; YAREMKO, D.N., BUNIN, A.I., inzh.,  
retsenzent: POLISHCHUK, A.D., kand.tekhn.nauk, retsenzent;  
YERMOLENKO, M.I., otd.red.; SINYAGINA, Z.A., red.izd-va; SABI-  
TOV, A., tekhn.red.

[Chamber and pillar system of ore mining] Kamernaja sistema  
razrabotki v gornorudnoi promyshlennosti. Moskva, Gos.nauchno-  
tekhn.izd-vo lit-ry po gornomu delu, 1960. 399 p. (MIRA 13:5)  
(Mining engineering)

*YAREMENKO, D.N.*

PAPER 1 BOOK EXPLANATION 807/002

Leningrad, Universitet

Polymetallocrano-opticheskiy metod issledovaniya uprugicheskikh trayektorii

13-21 fevralya 1959 goda (Optical Polarization Method for Stress Analysis)

Dokumentatsiya na konferentsii o February 13-21, 1959, Leningrad, Akademicheskaya vay, 1960. 451 p. Kraeva sliip inserted. 2,000 copys printed.

Berl. Akad. S.S.R. Relyashchimy Ed.: T. V. Gribanovskaya; Tech. Ed.: S. M. Pashchenko;

Relyashchimy Relyashchimy: G. D. Ozhigin, I. N. Kachanov, T. M. Kravcov, T. D. Melnikova,

F. I. Pridvorovskiy, V. M. Prokof'ev, V. A. Romanov, and Yu. I. Shchukin.

PERIOD: This collection of 59 articles is intended for scientists and engineers

concerned with experimental stress analysis of machine parts and structural components.

CONTENTS: The collection contains reports presented at the conference on optical polarization methods in stress analysis held February 13 - 21, 1959, in Leningrad and attended by 750 delegates including representatives of the People's

Republics of China, the Italian Popular Republic, the German Democratic Republic,

and the Republics of Czechoslovakia. The reports discuss general theoretical

problems and new methods of investigation and detection apparatus and materials used in the optical method. Solutions of specific two-dimensional and three-dimensional problems occurring in shipbuilding, aircraft design, engine construction, in various branches of heavy and precision machine design, in mining, metallurgy, hydraulic structures, railroad transport, in structural mechanics, hydrodynamics, etc., are given. Solutions of the three-dimensional problem by means of the method of photoelasticity is introduced and the use of this method for the solution of problems associated with plasticity, creep, dynamics, hydrodynamics, etc., is demonstrated. Reports previously published elsewhere are printed here in abbreviated form. No personnel lists are included. References are given at the end of 47 of the reports.

Optical Polarization Method (Cont.)

807/002

59. Opticheskii Metod Issledovaniya Uprugicheskikh Trayektorii 32

59. Opticheskii Metod Issledovaniya Uprugicheskikh Trayektorii 32

60. Izuchenie Poljotekhnicheskikh Reaktiv 32

III. ANALYSIS OF STRESSES IN MACHINERY PARTS

61. Rabotnaya i Zashchitnaya Dostizhcheniya po Issledovaniyu Stressov na Poljotekhnicheskikh Reaktivakh 32

62. Otsenivaniye Stressov po Metodu opticheskogo polarizatsionnogo analiza na poljotekhnicheskikh reaktivakh 32

63. Otsenivaniye Stressov po Metodu opticheskogo polarizatsionnogo analiza na poljotekhnicheskikh reaktivakh 32

64. Otsenivaniye Stressov po Metodu opticheskogo polarizatsionnogo analiza na poljotekhnicheskikh reaktivakh 32

65. Otsenivaniye Stressov po Metodu opticheskogo polarizatsionnogo analiza na poljotekhnicheskikh reaktivakh 32

66. Otsenivaniye Stressov po Metodu opticheskogo polarizatsionnogo analiza na poljotekhnicheskikh reaktivakh 32

Cards 9/12

YAREMENKO,

[REDACTED] D. N. Cand Tech Sci -- "Study of the tense state of rocks in  
open-chamber [systems of mining]." Dnepropetrovsk, 1960 (Min of Higher and  
Secondary Specialized Education UkrSSR. Dnepropetrovsk Order of Labor Red Banner  
Mining Inst im Artem). (KL, 1-61, 199)

-275-

MOSHKOVSKIY, N.F., inzh.; SYTNIK, V.A., inzh.; YAREMENKO, D.S., inzh.

On the road of mechanization and automation of industrial processes. Stroi. mat. 7 no.10:30-33 O '61. (MIRA 14:10)

1. Kiyevskiy kombinat asbestotsementnykh izdeliy.  
(Kiev--Building materials industry--Technological innovations)

YAREMENKO, Dmitriy Sergeyevich; TABUNINA, M.A., red.izd-va;  
SHEVCHENKO, T.N., tekhn. red.

[Handbook on accident prevention for the operator of a  
mechanical corrugating apparatus in the production of slate]  
Pamiatka po tekhnike bezopasnosti dlja operatora mekhaniche-  
skogo volnirovshchika pri proizvodstve shifera. Moskva, Gos-  
stroizdat, 1963. 17 p. (Slate) (MIRA 16:4)

(Building materials industry--Electric equipment)

YAREMENKO, I.

Is such a veterinary system necessary? Fin. SSSR 22 no.3:88-89  
Mr '61. (MIRA 14:7)

1. Nachal'nik otdela finansirovaniya sel'skogo khozyaystva  
Krasnodarskogo krayfinotdela.  
(Krasnodar Territory--Veterinary medicine)

YAREMENKO, I.

Regularize the wages for agriculturists and seed specialists.  
Fin.SSSR 23 no.5:65-66 My '62. (MIRA 15:5)

1. Nachal'nik otdela finansirovaniya sel'skogo khozyaystva  
Krasnodarskogo krayfinotdela.  
(Krasnodar Territory-Wages-Agriculturists)

PRISHLYAK, V.Z.; KOBLEY, D.S.; DIK, I.I.; PUZIY, Ya.S.; YAREMENKO, I.A.; KOLESNIK, G.K.; DEGERIN, E.R.; MEL'NIK, P.A.

From the editor's mail. Sakh., prom. 36 no. 9:68-70 S '62.  
(MIRA 16:11)

1. Khodorovskiy sakharnyy kombinat (for Prishlyak). 2. Shpanovskiy sakharnyy zavod (for Kobley). 3. Kanevskiy sakharnyy zavod Krasnodarskogo kraya (for Dik). 4. Korenovskiy sakharnyy zavod Krasnodarskogo kraya (for Puziy). 5. Sumskoy sakharnyy trest (for Yaremenko). 6. Leningradskiy sakharnyy zavod Krasnodarskogo kraya (for Kolesnik). 7. Kurskiy sovet narodnogo khozyaystva (for Degeerin). 8. Zhdanovskiy sakharnyy zavod (for Mel'nik).

1, PRUMKO D.O., VAREZEMKO I.I.

2. USSR (600)

4. Tortoises- Carpathian Mountains

7. Tortoise of the Carpathian foothills. Priroda 42 nol, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

YAREMENKO, I. I.

YAREMENKO, I. I.- "Oak Bombyx in the Pre-Carpathians (Ecological Data and Attempt to Investigate the Oak Bombyx on the Basis of These Data)." Acad Sci Ukraine SSR, Inst of Zoology, Kiev, 1955 (Dissertations For the Degree of Candidate of Biological Sciences)

SO: Knizhnaya Letopis' No. 26, June 1955, Moscow

YAREMENKO, I.I.

On protistocidal properties of oldercatkins and pollen. Antibiotiki  
4 no.5:52 S-O '59. (MIRA 13:2)

1. Ternopol'skiy meditsinskiy institut.  
(PARAMECIUM pharmacol.)  
(PLANTS pharmacol.)  
(POLLEN pharmacol.)

YAREMENKO, I.I.

Materials on the amphibian species of Ciscarpathia and their  
ecology. Nauk, zap. UzhGU 40:85-88 '59. (MIRA 14:4)

1. Ternopol'skiy meditsinskiy institut.  
(Stanislav Province--Amphibia)

YAREMENKO, I.I.

Protistocide properties of potatoes. Antibiotiki 6 no.5:452 My '61.  
(MIRA 14:7)

1. Ternopol'skiy meditsinskiy institut.  
(POTATOES) (PHYTONCIDES)

YAREMENKO, I.I.

Biological role of earthworms in the Carpathian Mountain region,  
Nauch. dokl. vys. shkoly; biol. nauki no.1:7-9 '65.

(MIRA 18:2)

1. Rekomendovana kafedroy biologii Ternopol'skogo meditsinskogo  
instituta.

YAREMENKO, K.V.

Comparison of the effect of various drugs increasing nonspecific resistance of the body on the viability and growth of Ehrlich tumor following intravenous inoculation. Vop. onk. 9 no.8:60-65  
'63 (MIRA 17:4)

1. Iz laboratorii eksperimental'noy onkologii (zav. - zaslu-zhennyy deyatel' nauki prof. N.V. Lazarev) AMN SSSR (direktor-deystvitel'nyy chlen AMN SSSR prof. A.I. Serebrov). Adres avtora: Leningrad, P-129, 2-ya Berezovaya alleya, 3, Institut onkologii AMN SSSR.

YAREMENKO, L.M.

Yield of flowering crab apples and the chemical composition  
of the fruit. Trudy Bot.sada AN URSR 6:25-32 '59.  
(MIRA 13:5)

(Apple)

YAREMENKO, L.M.

Experiments in intervarietal hybridization of apple. Visnyk Bot.  
sada AN URSR no.1:93-101 '59. (MIRA 13:8)  
(Kiev--Apple breeding)

3(7)

SOV/50-59-10-10/25

AUTHORS: Prokh, L. Z., Yaremenko, L. N.

TITLE: Observations of Aurorae Boreales in the Ukraine

PERIODICAL: Meteorologiya i hidrologiya, 1959, Nr 10, p 31 (USSR)

ABSTRACT: Visual observations of aurora boreales by the Network of Hydrometeorological Stations in the Ukraine under the MGG-Program were made at 16 stations. In 1957 nine aurorae boreales were observed: from January 21 to 22, on July 1, from September 3 to 5, on September 22, from September 29 to 30, from October 19 to 21, and on October 31. In 1958: on February 11, May 14, from July 8 to 9, and from September 4 to 5. The three last-mentioned observations are mentioned in the records of the magnetic Station of the Akademiya nauk USSR ( Academy of Sciences of the UkrSSR) at Demidovo, near Kiyev. This station was established in the spring of 1958. Aurorae boreales were further observed on the Crimea, in Odessa, and other Southern regions. They coincided with the most active magnetic storms. In many cases, however, magnetic storms were not accompanied by any polar lights.

Card 1/1

YAREMENKO, L.N.; KORNIYETS, D.V.

Variations of the earth's magnetic field according to observations  
made at the Demidovo Magnetic Observatory. Mezhdunar. geofiz. god  
[Kiev] no.2:84-92 '60. (MIRA 14:1)

1. Institute of Geological Sciences of the Academy of Sciences of  
the Ukrainian S.S.R.  
(Magnetism, Terrestrial—Observations)

S/169/62/000/002/070/072  
D228/D301

AUTHOR: Yaremenko, I. N.

TITLE: Main features of the change in the magnetic field near the city of Kiev. From the observations of the Demidovo magnetic station

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 2, 1962, 32, abstract 2G209 (Mezhdunar. geofiz. god. Inform. byul., no. 3, 1961, 103-108)

TEXT: Solar-diurnal variations of the magnetic field near the city of Kiev are described. The pc- and pt-type pulsations and their diurnal variation are depicted. It is noted that pc-type pulsations die out before magnetic storms. A table of the main data of magnetic storms recorded at the Demidovo magnetic station in 1959 is adduced. [Abstracter's note: Complete translation.] ✓

Card 1/1

YAREMENKO, L.P., inzh.(Gomel')

Evaluating operational indicators for base depots in connection  
with extended locomotive runs. Zhel.dor.transp. 41 no.6:26-28  
Je '59. (MIRA 12:9)  
(Railroads--Management) (Locomotives)

VELICHKO, M., kolkhoznik; YAREMENKO, M., kolkhoznik;

Our village gets new buildings. Sil'. bud. 11 no. 2:5 F '61.  
(MIRA 14:2)

(Cherkassy District—Building)

YAREMENKO, M.F.

[Dairy industry in the Ukraine during the seven-year plan]  
Molochna promyslovist' Ukrayny v semyrichtsi. Kyiv, Derzh.  
vyd-vo tekhn. lit-ry URSSR, 1962. 50 p. (MIRA 17:2)

YAREMENKO, M. K.

"Investigation of the Operation of a Pneumatic Sorting Table." Thesis for degree of Card. Technical Sci. Sub 8 Dec 50, Moscow Inst. for the Mechanization and Electrification of Agriculture imeni V. M. Molotov

■ Summary 71, 4 Sep 52, Dissertations Presented for Degrees in Science and Engineering in Moscow in 1950. From Vechernaya Moskva, Jan-Dec 1950,

YAREMENKO, M.K., kand.tekhn.nauk

Technological characteristics of silage material and methods of its packing. Mekh. i elek.sots.sel'khoz. no.5:22-25 '56. (MIRA 12:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut mekhanizatsii sel'skogo khozyaystva.

(*Ensilage*)

YAREMENKO, M.K., kand.tekhn.nauk; KOTENKO, V.M.

Surface ensilage under airproof film cover by means of vacuum packing. Dokl.Akad.sel'khoz. 24, no.9:44-48 '59.  
(MIRA 13:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut mekhanizatsii sel'skogo khozyaystva. Predstavlena akademikom V.A.Zheligovskim.

(Ensilage)

YAREMENKO, M.K.; SUVALOV, I.S., red.; ANTONOVA, N.M., tekhn. red.

[Surface ensilage under plastic film cover sealed by means  
of vacuum] Opyt nazemnogo silosovaniia kormov pod plast-  
massovoi plenkoj s uplotneniem pośredstvom vakuuma. Moskva,  
Izd-vo M-va sel'.khoz. SSSR, 1960. 41 p. (MIRA 14:7)  
(Ensilage)

YESIPENKO, B.Ye. [IEsypenko, B.IE], YAREMENKO, M.S. [IAremenko, M.S.]

Stalagmometric method for determining bile acids in bile [with  
summary in English]. Fiziol. zhur. [Ukr] 4 no.4:558-561 Jl-Ag '58

1. Institut fiziologii im. A.A. Bogomol'tsa AN SSSR.  
(BILE--ANALYSIS)

YAREMENKO, M.S.

Effect of biliary salts on the digestive action of gastric juice.  
Vrach.delo no.6:651-652 Je '59. (MIRA 12:12)

1. Kafedra normal'noy fiziologii (zav. - prof. N.K. Vitte) Vinnit-  
skogo meditsinskogo instituta.  
(BILE SALTS) (GASTRIC JUICE)

VAREMENKO, M.S.

Interoceptor influences from the small intestine on urinary excretion.  
Biul. eksp. biol. i med. 49 no.3;17-20 Mr '60. (MIRA 14:5)

1. Iz kafedry normal'noy fiziologii Vinnitskogo meditsinskogo instituta  
(zav. - prof. N.K.Vitte). Predstavlena deystviteльnym chlenom AMN  
SSSR V.N.Chernigovskim.

(INTESTINES—INNERVATION)

(URINE—SECRETION)

YESIPENKO, B.Ye. [IEsyponko, B.IE.]; YAREMENKO, M.S. [IAremenko, M.S.]

Using the method of refractometry to determine the amount of dry residue in saliva, bile, and urine. Fiziol. zhur. [Ukr.] 7 no.5: 708-709 S-0 '61. (MIRA 14:9)

1. V oratoriya fiziologii videlenna Institutu fiziologii im. O.O. zomol'tsa Akademii nauk UkrSSR, Kiyv.  
(REFRACTOMETRY) (BODY FLUIDS)

YAREMENKO, M.S.

New data on the role of hyaluronidase in the reabsorption of water and  
osmotically active substances in the renal tubules. Dokl. AN SSSR 154  
no.6:1469-1471 F '64. (MIRA 17:2)

1. Institut fiziologii im. A.A.Bogomol'tsa AN UkrSSR. Predstavleno aka-  
demikom L.S.Shtern.

KOCHEMASOVA, N.G. [Kochemasova, N.H.]; YAREMENKO, M.S.

Determination of the extracellular space in various tissues by the distribution volume of inulin. Fiziol. zhur. [Ukr.] 11 no.1:129-131  
Ja-F '65. (MIRA 18:7)

1. Institut fiziologii im. Bogomol'tsa AN UkrSSR, Kiiev.

KOSYACHENKO, Aleksey Petrovich; MOLCHAN, Ivan Andreyevich; YAREMENKO, M.T..  
inzhener, retsentsent; SERDYUK, V.K., inzhener, redaktor izdatel'stva;  
RUDENSKIY, Ya.V., tekhnicheskij redaktor

[Machine-shop practice] Slesarnoe delo. Kiev, Gos. nauchno-tekhn.  
izd-vo mashinostroit. lit-ry, 1956. 226 p. (MLRA 9:10)  
(Machine-shop practice)

GLAZOV, I.M., inzh.; YAREMENKO, M.V.

We are utilizing depleted electrolyte in V.D. cells. Avtom.,  
telem. i sviaz' 7 no.8:36 Ag '63. (MIRA 16:9)

1. Grebenkovskaya distantsiya signalizatsii i svyazi Yuzhnay dorogi  
(for Glazov). 2. Starshiy elektromekhanik Grebenkovskoy distantsii  
signalizatsii i svyazi Yuzhnay dorogi (for Yaremenko).  
(Railroads—Electric equipment)

YAREMENKO, M.Ya.; YAREMENKO, V.N.

For 250 poods of grain to the hectare. Zemledelie 23 no.1:74  
Ja '61.  
(MIRA 13:12)

1. Chleny sel'skokhozyaystvennoy arteli "Radyans'ka Ukraina",  
Cherkasskogo rayona, Cherkasskoy oblasti, USSR..  
(Cherkassy District--Grain)

VELICHKO, N.N.; YAREMENKO, M.Ya.

Two hundred and thirty-three eggs per laying hen. Ptitsevodstvo 9  
no. 4:20-21 Ap '59.

(MIRA 12:6)

1. Chleny sel'khozarteli imeni Stalina, Cherkasskogo rayona,  
Cherkasskoy oblasti, USSR.  
(Poultry)

YAREMENKO, N.

Introducing movable racks. Moloch. prom. 18 no.4:19-20 '57. (MLRA 10:4)

1. Ukrglavmasloprom.  
(Cheese factories--Equipment and supplies)

YAREMENKO, N.N. inzh.; GORELIK, A.S., inzh.

Precast reinforced concrete construction of the casting yard  
area of the no.2B blast furnace of the Stalin metallurgical plant.  
Biul. stroi. tekhn. 15 no.8:14-17 Ag '58. (MIRA 11:9)

1. 'Giprostal'.

(Blast furnaces) (Precast concrete construction)

YAREMENKO, N. Ye.

*Natalya Yevgen'yevna* Call Nr: TP 270 .I2

AUTHORS: Yaremenko, N. Ye., Svetlov, B.Ya.

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PURPOSE: This textbook was written in connection with a  
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of Explosives" given in technical schools for stu-  
dents specializing in blast mining. It is accepted  
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Educational Institutions MPSM SSSR (Ministerstvo  
Promyshlennosti Stroitel'nykh Materialov).

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Theory and Technology of Industrial (Cont.) Call Nr: TP 270 .I2  
COVERAGE: The first part of the textbook explains the theory of explosives which is necessary for understanding the action of explosives in mining operations. The second part reviews the properties of explosives used either directly or as admixtures to industrial explosives, and for triggering explosive devices. Chapter 19 describes widely used smokeless powders. The third part of the textbook is devoted to explosives commonly used in blast-mining operations. Persons credited with valuable counsel during preparation of this book are: Andreyev, K.K.; Professor, Candidate of Technical Sciences, Voronov, A.V.; Candidate of Technical Sciences, and Apin, A.Ya; Scientific Editor. The bibliography contains 20 Soviet references.

Card 2/9

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